

## EAST Search History

| Ref # | Hits     | Search Query                    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|---------------------------------|---|------------------|---------|------------------|
| S1    | 11992551 | substrate surface panel sheet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:14 |
| S2    | 1842988  | glass                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:14 |
| S3    | 7773680  | underside bottom base           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 15:15 |
| S4    | 4493078  | nozzel nozzle spray\$3 treat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:39 |
| S5    | 592448   | S1 near10 S2                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:18 |
| S6    | 2283     | S5 near50 S3 near50 S4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:33 |
| S7    | 445995   | underside                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:21 |
| S8    | 117      | S6 and S7                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:21 |
| S9    | 11992551 | substrate surface panel sheet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/19 14:34 |

## EAST Search History

|     |          |  |   |    |    |                  |
|-----|----------|--|---|----|----|------------------|
| S10 | 1842988  | glass  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:34 |
| S11 | 7773680  | underside bottom base  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:34 |
| S12 | 4493078  | nozzel nozzle spray\$3 treat\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:34 |
| S13 | 592448   | S9 near10 S10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:37 |
| S14 | 2283     | S13 near50 S11 near50 S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:34 |
| S15 | 11992551 | substrate surface panel sheet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:37 |
| S16 | 1842988  | glass  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:37 |
| S17 | 502248   | S15 near5 S16  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:37 |
| S18 | 10983928 | underside bottom base downward lower                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 14:39 |
| S19 | 8        | ("1223261"   "1634215"   "2766764"   "4420003").PN. OR ("4825887").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/19 15:12 |
| S20 | 0        | ("2002/0023661").URPN.   | USPAT   | OR | ON | 2007/03/19 15:14 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S21 | 1842988  | glass   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:30 |
| S23 | 6136373  | substrate sheet panel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:31 |
| S24 | 355042   | S21 near5 S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:31 |
| S25 | 1777288  | suction vacuum suck   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:33 |
| S26 | 6801359  | spray\$2 nozzle port orifice outlet<br>aperture hole  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:34 |
| S27 | 10983928 | underside bottom base downward<br>lower   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:35 |
| S28 | 1620654  | S26 near20 S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:36 |
| S29 | 2661     | S28 near400 S24   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:39 |
| S30 | 832      | S29 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 15:39 |
| S31 | 183939   | (Glass near15 (panel substrate sheet<br>surface plate)) and ((nozzle spray\$3<br>Treat\$4 port orifice outlet aperture<br>hole) same (underside bottom base<br>lower downward)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:05 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S32 | 179514  | (suction vacuum suck) near200 (hold\$3 chuck convey\$3 transport\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 16:59 |
| S33 | 10948   | S31 and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:01 |
| S35 | 2738796 | Clean etch flush solvent rinse  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:01 |
| S37 | 5911    | S35 and S33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:02 |
| S38 | 2361200 | PDP LCD "liquid crystal display" display  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:02 |
| S39 | 3166    | S38 and S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:04 |
| S40 | 90492   | (Glass near15 (panel substrate sheet surface plate)) and ((nozzle spray\$3 Treat\$4 port orifice outlet aperture hole) near10 (underside bottom base lower downward))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:05 |
| S41 | 1386    | (Glass near15 (panel substrate sheet surface plate)) and (((nozzle spray\$3 Treat\$4 port orifice outlet aperture hole) near10 (underside bottom base lower downward)) Same ((suction vacuum suck) near200 (hold\$3 chuck convey\$3 transport\$3)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:06 |
| S42 | 138     | (Glass near15 (panel substrate sheet surface plate)) and (((nozzle spray\$3 Treat\$4 port orifice outlet aperture hole) near10 (underside bottom base lower downward)) Same ((suction vacuum suck) near200 (hold\$3 chuck convey\$3 transport\$3)) same (Clean\$5 solvent etch rins\$3 flush\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:30 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S43 | 3815 | (Glass near15 (panel substrate sheet surface plate)) and ((nozzle spray\$3 Treat\$4 port orifice outlet aperture hole) near10 (underneath below underside bottom base lower downward)) and (((suction vacuum suck) near200 (hold\$3 chuck convey\$3 transport\$3)) same (top upper above)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:33 |
| S44 | 3697 | S43 NOT S42  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:34 |
| S45 | 1943 | S44 and S35  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:34 |
| S46 | 1042 | S45 and S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:35 |
| S47 | 22   | Clean\$3.ti. and S46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:43 |
| S48 | 1769 | Clean\$3.ti. and (Glass near15 (panel substrate sheet surface plate)) and ((nozzle spray\$3 Treat\$4 port orifice outlet aperture hole) same (underside bottom base lower downward))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:43 |
| S49 | 1107 | Clean\$3.ti. and (Glass near15 (panel substrate sheet surface plate)) and ((nozzle spray\$3 Treat\$4 port orifice outlet aperture hole) near20 (underside bottom base lower downward))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:49 |
| S50 | 234  | (Glass near15 (panel substrate sheet surface plate)) and ((nozzle jet) near20 (below underneath underside bottom base lower downward)) and ((hold cary convey)near20 top)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/19 17:51 |
| S51 | 11   | ("5078801"   "5575706"   "5934980"   "5993639"   "6001238"   "6007696"   "6022400"   "6145519"   "6325698"). PN. OR ("6752692").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/19 17:59 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S52 | 22  | ("4116714"   "4319923"   "5078801"   "5389194"   "5575706"   "5894852"   "5934980"   "5993639"   "6001238"   "6007696"   "6022400"   "6048466"   "6086454"   "6099662"   "6102778"   "6130163"   "6145519"   "6152148"   "6200899"   "6248143"   "6325698"   "6752692").PN. OR ("7169235").URPN.                                | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/03/19 18:00 |
| S53 | 18  | ((("6056825") or ("6149759") or ("6152507") or ("6193798") or ("6328846") or ("6435200") or ("6494221") or ("6536454") or ("7007702"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/04/10 09:34 |
| S54 | 50  | ((("4021278") or ("4544446") or ("4788994") or ("4838979") or ("5375291") or ("5591262") or ("5651160") or ("5762708") or ("5815762") or ("5871584") or ("5927303") or ("5989342") or ("6062240") or ("6115867") or ("6159288") or ("6192903") or ("6247479") or ("6273104") or ("6315836") or ("6318385") or ("6357457"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/04/10 09:37 |
| S55 | 109 | ("3043362"   "4021278"   "4161356"   "4339297"   "4350562"   "4430149"   "4495024").PN. OR ("4544446").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/04/10 09:51 |
| S56 | 43  | ("3489608"   "3536594"   "3747282"   "4021278"   "4280689").PN. OR ("4339297").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/04/10 10:32 |